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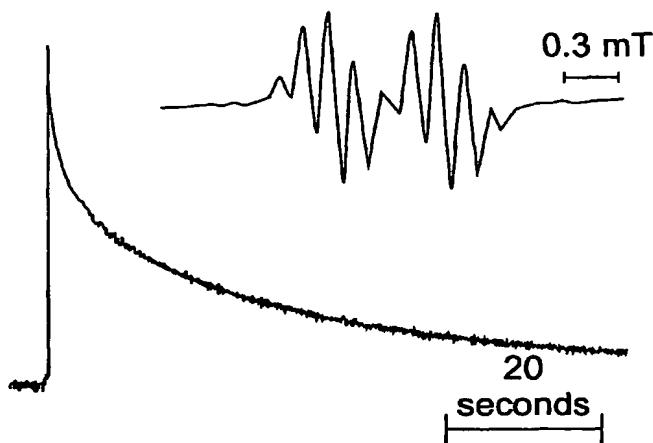
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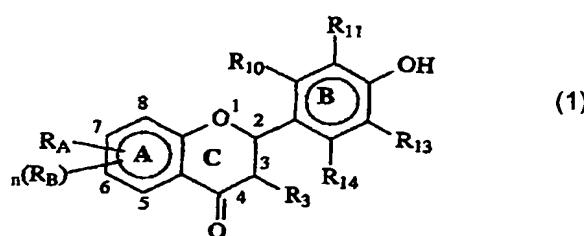
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[Continued on next page]

(54) Title: FLAVONOID COMPOUNDS AS THERAPEUTIC ANTIOXIDANTS



(57) Abstract: Novel flavonoid compounds having anti-oxidant activity are described. Formula (1). The compounds have been shown to exhibit anti-oxidative properties in biological systems and their utility in a sunscreen or skincare composition or to treat conditions involving oxidative damage, especially curative or prophylactic treatment of Alzheimer's disease or ischaemia-reperfusion and injury, is described.





GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE,
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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 C07D311/30 C07D311/32 A61K31/35 A61P39/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 C07D A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DE MEYER ET AL: "4'-Hydroxy-3-methoxyflavones with potent antipicornavirus activity" JOURNAL OF MEDICINAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY, US, vol. 34, 1991, pages 736-746, XP002101672 ISSN: 0022-2623 Cpd. 4,5 page 739; table I</p> <p>—</p> <p style="text-align: center;">-/-</p>	1,6,8

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the International search

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>MIRANDA C L ET AL: "ANTIOXIDANT AND PROOXIDANT ACTIONS OF PRENYLATED AND NONPRENYLATED CHALCONES AND FLAVANONES IN VITRO" JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY, AMERICAN CHEMICAL SOCIETY. WASHINGTON, US, vol. 48, no. 9, September 2000 (2000-09), pages 3876-3884, XP001149407 ISSN: 0021-8561 cf. cpds. IX, 6PN, 8PN, DPN, 6GN, 8GN on p. 3878 the whole document -----</p>	1-45
Y	<p>SUTTHIVAIYAKIT S ET AL: "Diterpenylated and prenylated flavonoids from Macaranga denticulata" TETRAHEDRON, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 58, no. 18, 29 April 2002 (2002-04-29), pages 3619-3622, XP004350379 ISSN: 0040-4020 Cpds. 1,4 on p. 3619 the whole document -----</p>	1-45
Y	<p>US 5 280 024 A (ROLLAND YVES ET AL) 18 January 1994 (1994-01-18) the whole document -----</p>	1-45

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